

WHAT IS CLAIMED IS:

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1. A spacer assembly comprising:  
a spacer having a cross-section varying in a repeating manner along a longitudinal axis;  
an adhesive sealant at least partially encapsulating said spacer.
2. The spacer assembly of claim 1 wherein said spacer has a cross-sectional area varying in a repeating manner along said longitudinal axis.
3. The spacer assembly of claim 1 wherein said spacer has a cross-section varying in orientation along said longitudinal axis.
4. The spacer of assembly claim 2 wherein said spacer having a cross-sectional area varying in a repeating manner along a longitudinal axis is a tube.
5. The spacer assembly according to Claim 4 further comprising:  
a moisture vapor barrier having at least one adhesive sealant engaging surface joined to said adhesive sealant.
6. The spacer assembly according to Claim 5 wherein said tube has at least two opposing sides.
7. The spacer assembly according to Claim 1 wherein said assembly is coilable.

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8. The spacer assembly according to Claim 2 wherein said adhesive sealant further comprises a desiccant.

5 9. The spacer assembly according to Claim 5 further comprising:  
a desiccant containing topcoat joined to a topcoat engaging surface of said adhesive sealant.

10 10. The spacer assembly of claim 5 further comprising a desiccant containing topcoat joined to a topcoat engaging surface of said adhesive sealant.

15 11. A spacer assembly comprising:  
a ribbed tube;  
an adhesive sealant at least partially encapsulating said tube;  
and;  
a moisture vapor barrier having an adhesive sealant engaging surface joined to said adhesive sealant.

20 12. The spacer assembly according to Claim 11 wherein said ribbed tube has a generally rectangular cross-sectional area.

25 13. The spacer assembly according to Claim 12 wherein said ribbed tube is ribbed at least along a first bondline surface, a second bondline surface and an exterior surface.

14. The spacer assembly according to Claim 11 wherein said assembly is coilable.

15. The spacer assembly according to Claim 11 wherein said adhesive sealant further comprises a desiccant.

16. The spacer assembly according to Claim 12 further comprising a desiccant containing topcoat joined to a topcoat engaging surface of said adhesive sealant.

17. A window assembly comprising:

a spacer having a cross-section varying in a repeating manner about a longitudinal axis;

an adhesive sealant at least partially encapsulating said spacer and having a first glazed structure engaging surface and a second glazed structure engaging surface opposite said first glazed structure engaging surface;

a first glazed structure engaged with said first glazed structure engaging surface of said adhesive sealant; and

a second glazed structure engaged with said second glazed structure engaging surface of said adhesive sealant.

18. The window assembly of claim 17 wherein said spacer has a cross-sectional area varying in a repeating manner along said longitudinal axis.

19. The window assembly of claim 17 wherein said spacer has a cross-section varying in orientation along said longitudinal axis.

20. The window of assembly claim 18 wherein said spacer having

a cross-sectional area varying in a repeating manner along a longitudinal axis is a tube.

21. The window assembly according to Claim 20 further comprises a moisture vapor barrier having at least one adhesive sealant engaging surface joined to said adhesive sealant.

22. The window assembly according to Claim 21 wherein said cross-sectional area of said tube is generally rectangular.

23. The window assembly according to Claim 17 wherein said spacer is coilable.

24. The window assembly according to Claim 21 wherein said adhesive sealant further comprises a desiccant.

25. The window assembly according to Claim 24 further comprising: a desiccant containing topcoat joined to a topcoat engaging surface of said adhesive sealant.

26. The window assembly according to Claim 21 wherein said desiccant containing topcoat is also joined to a topcoat engaging surface of said moisture vapor barrier.

27. A window assembly comprising:  
a ribbed tube;  
an adhesive sealant at least partially encapsulating said tube and having a first glazed structure engaging surface and a second

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glazed structure engaging surface opposite said first window engaging surface;

a moisture vapor barrier having an adhesive sealant engaging surface joined to said adhesive sealant.

a desiccant containing topcoat joined to said adhesive sealant;

a first glazed structure engaged with said first glazed structure engaging surface of said adhesive sealant; and

a second glazed structure engaged with said second glazed structure engaging surface of said adhesive sealant.

28. The window assembly according to Claim 27 wherein said ribbed tube has a generally rectangular cross-sectional area.

29. The window assembly according to Claim 28 wherein said ribbed tube is ribbed at least along a first glazed structure engaging surface, a second glazed structure engaging surface opposing said first glazed structure engaging surface and an exterior surface disposed between said first and second bonding surfaces.

30. The window assembly according to Claim 29 wherein said ribbed tube further comprises an interior surface substantially free of any ribs.

31. The window assembly according to Claim 30 wherein said adhesive sealant is adhered to said first glazed structure engaging surface and said second glazed structure engaging surface.

32. The window assembly according to Claim 27 wherein said

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spacer is coilable.

TECHNICAL SPECIFICATIONS